

Message Text

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ACTION OES-09

INFO OCT-01 ARA-14 ISO-00 SOE-02 AID-05 CEA-01 CIAE-00
COME-00 DODE-00 EB-08 DOE-15 H-02 INR-10 INT-05
L-03 NSAE-00 NSC-05 OMB-01 PM-05 ICA-20 SP-02
SS-15 STR-07 TRSE-00 ACDA-12 /142 W
-----095135 250051Z /64

R 241306Z AUG 78
FM AMEMBASSY PORT OF SPAIN
TO SECSTATE WASHDC 2855

UNCLAS PORT OF SPAIN 02450

FOR: CECILE LEDSKY, OES/NET

E.O. 11652 : N/A
TAGS : ENRG, TECH, LDC
SUBJECT : COST OF ELECTRICITY PRODUCTION USING
CONVENTIONAL ENERGY SOURCES

REF: STATE 210477

1. RESPONSES ARE GEARED TO QUESTIONS IN REFTEL. FIGURES
ARE QUOTED IN TRINIDAD AND TOBAGO CURRENCY. PLEASE NOTE
THAT THERE ARE TWO TARIFF RATES, DOMESTIC AND INDUSTRIAL.

2. DOMESTIC RATE:
CHARACTER OF SERVICES: 60 CYCLE, ALTERNATING CURRENT,
SINGLE PHASE, 2 WIRE OR 3 WIRE, 115 OR 230 VOLTS.

TWO-MONTHLY CHARGE. THE FIRST 50 KWH. AT 13 CENTS PER KWH.
THE NEXT 50 KWH AT 10 CENTS PER KWH. THE NEXT 250 KWH AT
6 CENTS PER KWH. THE NEXT 400 KWH AT 3.5 CENTS PER KWH.

ALL KWH IN EXCESS OF 1,250 AT 2.5 CENTS PER KWH.

MINIMUM BILL 3.00 DOLS FOR TWO MONTHS.
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3. INDUSTRIAL RATE:
CHARACTER OF SERVICE - 3 PHASE, 60 CYCLE, ALTERNATING
CURRENT, 230 VOLTS TO A MAXIMUM OF 199 KVA AND 400 VOLTS
TO A MAXIMUM OF 350 KVA.
STANDING CHARGE: 7.15 DOLS PER KVA OF MAXIMUM DEMAND IN A MONTH
ENERGY CHARGE: 1.6 CENTS PER KWH FOR EACH OF THE FIRST

30,000 KWH USED IN ANY MONTH AND 1.3 CENTS PER KWH FOR EACH
ADDITIONAL KWH USED.

FUEL CHARGE: FOR EVERY ONE CENT INCREASE ABOVE 21.5 CENTS
IN THE AVERAGE GROSS PRICE PER 975,000 B.T.L.V'S OF FUEL
USED IN A MONTH, THE CHARGE PER KWH FOR THE FOLLOWING
MONTH WILL BE INCREASED BY .014 UNITS.

MINIMUM BILL: 150.00 DOLS PER MONTH.

4. A). 93 PCT WITHIN 40 MILE RADIUS REMAINDER WITHIN 60 MILES.

B). 1977 ACTUAL GENERATING EXPENDITURE MILLION 18 DOLS.
REVENUE 4.62 CENTS PER KWH.

C). 1977 CAPITAL EXPENDITURE. MILLION 13 DOLS.

D). 1977 LOAD FACTOR OF GENERATING EQUIPMENT 75.8 PCT
EFFICIENCY DETERMINED BY HOURS OF OPERATION DIVIDED BY HOUR
PER YEAR 83.9 PCT.

E). 1977 COST OF FUEL FOR GENERATION 12.5 DOLS MILLION.
MEGAWATT CAPACITY 495.05; AMOUNT OF FUEL USED - NATURAL
GAS - 16038.177 MILLION CUBIC FEET. FUEL OIL 7,304,250
IMPERIAL BARRELS.

FUEL OIL IS ONLY USED TO GENERATE ELECTRICITY WHEN SHORTAGE
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OF NATURAL GAS OCCURS. SOURCE OF ALL FOREGOING INFORMATION
IS THE TRINIDAD AND TOBAGO ELECTRICITY COMMISSION.
OGJQK 'MAHONY

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Message Attributes

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